

Title (en)  
WIND IMMUNE MICROPHONE

Title (de)  
WINDFESTES MIKROFON

Title (fr)  
MICROPHONE NON AFFECTÉ PAR LE VENT

Publication  
**EP 2304973 A1 20110406 (EN)**

Application  
**EP 09751588 A 20090521**

Priority  

- US 2009044866 W 20090521
- US 31460908 A 20081212
- US 7185508 P 20080521

Abstract (en)  
[origin: WO2009143360A1] Disclosed is an acoustic device comprising an enclosed housing defining an inner volume and having a front and a back; an acoustic port penetrating the front of the enclosed housing; a first and second sense structure attached to the inside of the housing and defining a gap between the first and second sense structures; a front volume defined by the portion of the inner volume between the first sense structure and the front of the housing; a back volume defined by the portion of the inner volume between the second sense structure and the back of the housing; and at least one vent in the first sense structure operatively connecting the front volume and the gap, wherein the acoustic device has a cutoff frequency above approximately 100 Hz.

IPC 8 full level  
**H04R 1/08** (2006.01); **H04R 19/04** (2006.01)

CPC (source: EP US)  
**H04R 1/086** (2013.01 - EP US); **H04R 2201/003** (2013.01 - EP US); **H04R 2410/07** (2013.01 - EP US)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009143360 A1 20091126**; CN 102113348 A 20110629; CN 102113348 B 20150107; EP 2304973 A1 20110406; EP 2304973 A4 20121024; US 2009290741 A1 20091126; US 8144906 B2 20120327

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**US 2009044866 W 20090521**; CN 200980118219 A 20090521; EP 09751588 A 20090521; US 31460908 A 20081212